# S-DRIVE FLASH CODES

**Low Battery Voltage**
The battery needs charging or there is a bad connection to the battery. Check the connections to the battery. If the connections are good, try charging the battery.

**Motor Disconnected**
The motor has a bad connection. Check all the connections and leads between the motor and the S-drive Check the position of the freewheel switch.

**Motor Wiring Trip**
The motor has a short circuit to a battery. Check all the connections and leads between the motor and the battery.

**Freewheel Switch Trip**
The freewheel switch is activated or the manual brake disengagement mechanism is operated. Check the position of the switch or lever and all connections between the switch and the S-drive.

**Not Used**

**Charger Connected**
The S-drive is being inhibited from driving. Inhibit 2 is active. This may be because the battery charger is connected or the seat is not in the driving position.

**Throttle Trip**
A throttle trip is indicated. Make sure that the throttle is in the neutral position before switching on the scooter.

**Possible Control System Trip**
A control system trip is indicated. Make sure that all connections are secure.

**Solenoid Brake Trip**
The parking brakes have a bad connection. Check the parking brake and motor connections. Make sure all the system connections are secure.
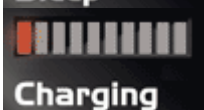
**High Battery Voltage**
An excessive voltage has been applied to the S-drive. This is usually caused by a poor battery connection. Check the battery connections.

**Commonly Seen Informational Flash Codes**

**Control System in Sleep Mode**
The S-drIve has entered sleep mode. Switch the scooter off and then on again.

**Charge Step**
The batteries are charging.

**Throttle Displaced**
The throttle has been displaced whilst the scooter is being switched on. Place the throttle in the neutral position and turn the scooter off and on again.